

**AMENDMENTS TO THE SPECIFICATION:**

**Page 9, please replace the second full paragraph, with the following new paragraph:**

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Illustrated in FIG. 3A is an overview of a system to generate and control and configurable array, generally designated as 20 8 (see FIG. 1). Optical traps 1000-1004 (FIG. 1) are formed by passing a collimated light, preferably a laser beam 100, produced by a laser 102 to a beam splitter 30. The beam splitter 30 is constructed of a dichroic mirror, photonic band gap mirror, omnidirectional mirror, or other similar device.